

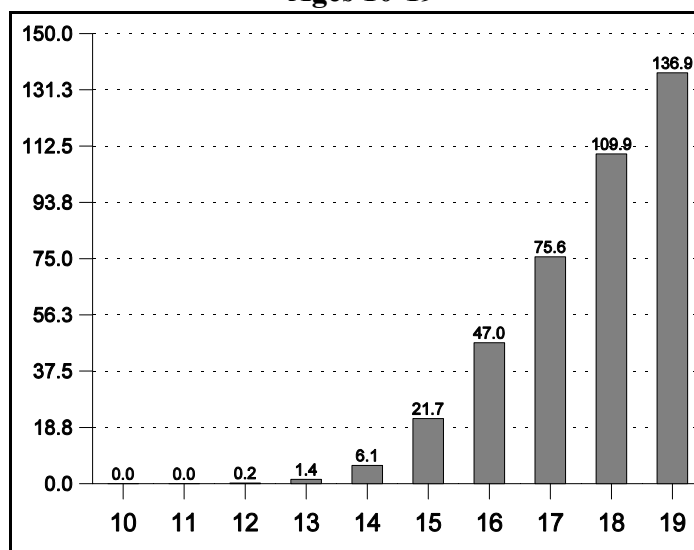
Teen Pregnancy^{1,2}

Previously, Arizona Department of Health Services publications on teen pregnancies reported dramatic declines in the rate of teen pregnancy. These apparent sharp declines were discovered to be attributable in part to an error in the way mothers' ages at the time of birth were calculated. Statistics presented in this document represent corrected figures.

In the year 2000 there were a total of 14,287 pregnancies among girls age 10-19, representing a pregnancy rate of 39.5 pregnancies per 1,000 girls age 10-19, resulting in 12,189 live births. The source of payment for labor and delivery for 70 percent of these births was the Arizona Health Care Cost Containment System.

In 2000 there were no pregnancies reported for ten or eleven-year-old girls. There were eight twelve-year-old girls with pregnancies, and for each age after that, there was a steady increase in the pregnancy rate. Figure 1 shows the pregnancy rate for each age from 10 through 19 for females in Arizona. There were also age differences in the likelihood that a pregnancy will end in abortion, with the pregnancies of younger girls ending in abortions much more frequently than the older teens. One in five pregnant girls under age 15 had an abortion, while 14 percent of girls age 15-19 had an abortion.

**Figure 1. 2000 Pregnancy Rates by Age
Ages 10-19**



In the following sections, teen pregnancy statistics are presented separately for each of the following age groups: 10-14, 15-17 and 18-19.

¹The main source of data in this section is the annual publication: Teen Pregnancy Arizona, Arizona Department of Health Services, Bureau of Public Health Statistics, Office of Epidemiology. Data for the year 2000, as well as corrected data for previous years was obtained from the ADHS web site: <http://www.state.az.us/plan/2ktbaph.htm>.

²Pregnancy/Fertility Rate: The sum of live births, fetal deaths (or stillbirths) and abortions to Arizona resident women per 1,000 females. Data sources include certificates of live births, fetal deaths and reports of induced terminations of pregnancy filed with the Arizona Department of Health Services. Note: Induced terminations of pregnancy performed out-of-state are not included since they are not reported to the State of Arizona, nor are spontaneous fetal losses that occur at less than 20 weeks of gestation. Fertility rates refer to live births per 1,000 females.

3 Pregnancies Age 10-14

In the year 2000 there were 278 pregnancies among pre-adolescent girls age 10-14, representing a rate of 1.5 pregnancies per 1,000 females age 10-14 and resulting in 216 live births. Four of the girls giving birth had been pregnant before. Of the pregnant girls under age 15, 171 lived in Maricopa County (representing a rate of 1.6 per 1,000 females), 57 lived in Pima County (representing a rate of 2.0 per 1,000 females), 15 lived in Pinal County (representing a rate of 2.4 per 1,000 females) and 10 lived in Cochise County (representing a rate of 2.2 per 1,000 females). Rates are not presented for the rest of the counties, since there were fewer than 10 pregnant girls under age 15 in each of them. Figure 2 shows the pregnancy, fertility (live births) and abortion rates from 1987 through 2000 for girls under the age of 15. Since 1994 there has been a general decline in pregnancy rates for girls under age 15, with the year 2000 rate measuring the lowest of the review period.

**Figure 2. Pregnancy and Pregnancy Outcomes
Per 1,000 Girls Age 10-14**

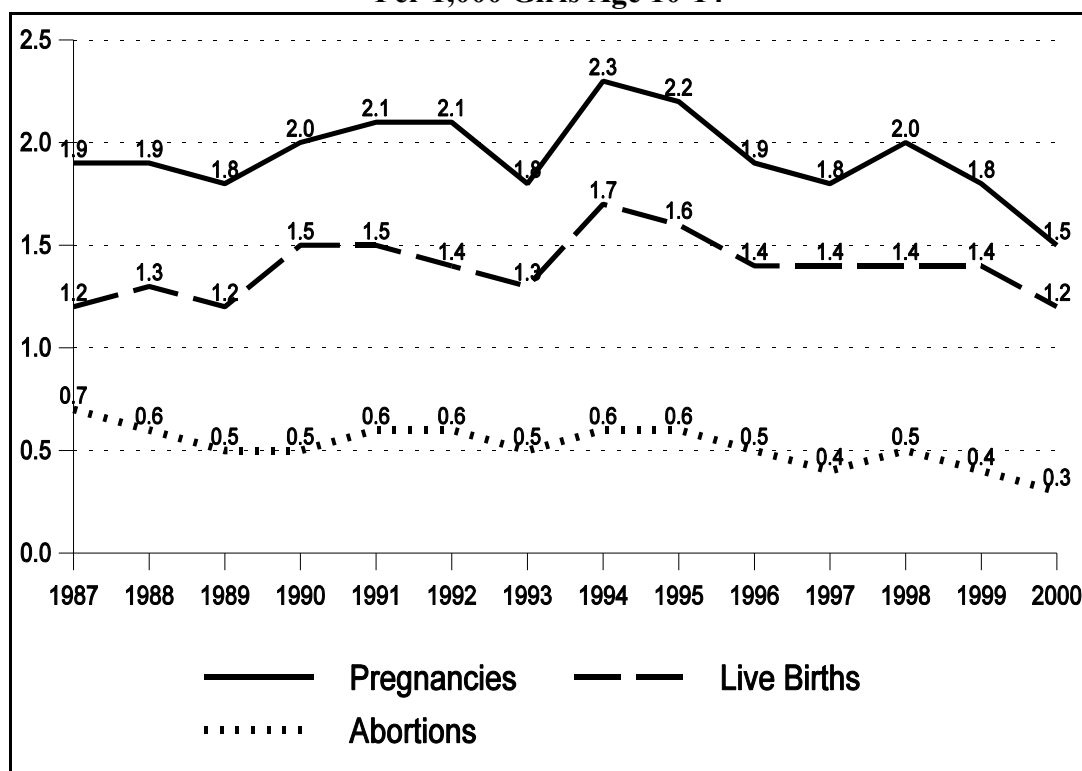


Table A summarizes pregnancy and pregnancy outcome statistics for girls age 10-14.

**Table A. Pregnancies and Pregnancy Outcomes
Pre-Adolescents Age 10-14**

Number	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Pregnancies	228	236	229	253	268	274	256	333	314	293	278	316	303	278
Live Births	142	160	159	188	193	188	187	246	226	216	214	234	238	216
Abortions	82	75	69	63	73	84	68	82	82	72	56	78	60	57
Rates per 1,000	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Pregnancies	1.9	1.9	1.8	2.0	2.1	2.1	1.8	2.3	2.2	1.9	1.8	2.0	1.8	1.5
Live Births	1.2	1.3	1.2	1.5	1.5	1.4	1.3	1.7	1.6	1.4	1.4	1.4	1.4	1.2
Abortions	.7	.6	.5	.5	.6	.6	.5	.6	.6	.5	.4	.5	.4	.3

3 Pregnancies Age 15-17

In the year 2000 there were 5,016 pregnancies among girls age 15-17, representing a rate of **48.1 pregnancies per 1,000 females** age 15-17 and resulting in 4,284 live births. Eleven percent of these girls had been pregnant before. Pregnancy rates varied within this age group across counties from a high of 62.1 per 1,000 teenage girls in Pinal County to a low of 22.2 per 1,000 teenage girls in Greenlee County (see Figure 3).

Figure 3. 2000 Pregnancy Rates by County Age 15-17

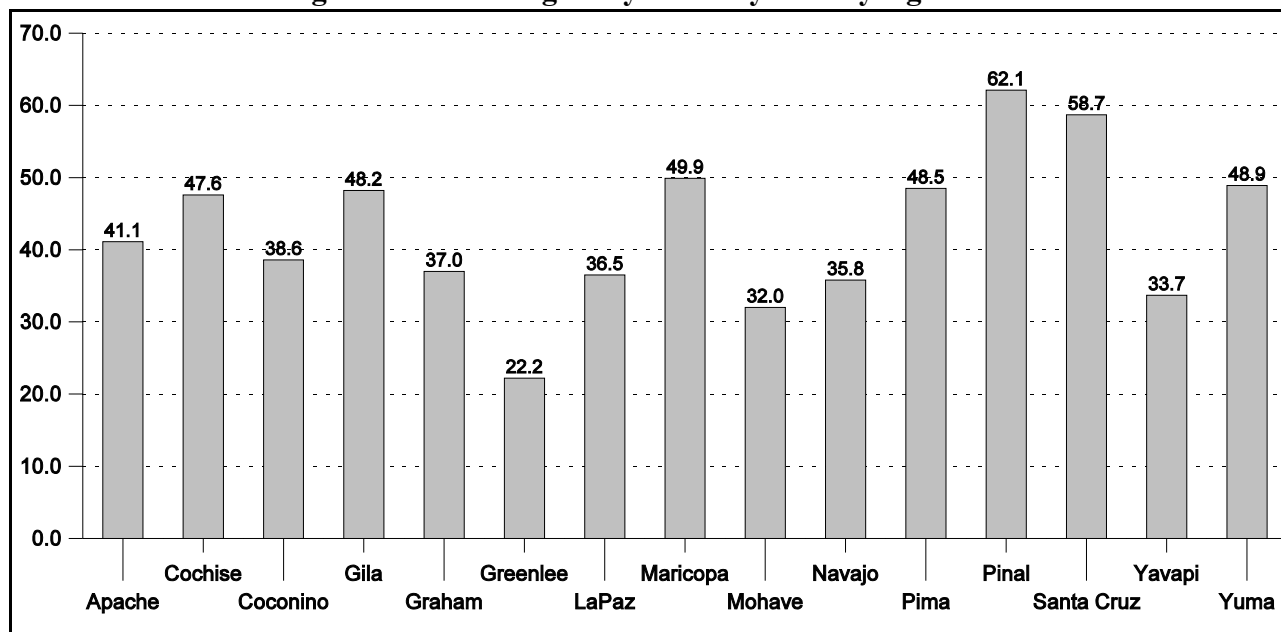


Figure 4. Pregnancy and Pregnancy Outcomes Per 1,000 Teenage Girls Age 15-17

The teen pregnancy rate within the 15-17 age group has been generally declining since 1994, as have the abortion and fertility rates. The pregnancy rate in the year 2000 is the lowest rate observed over the entire review period (see Figure 4).

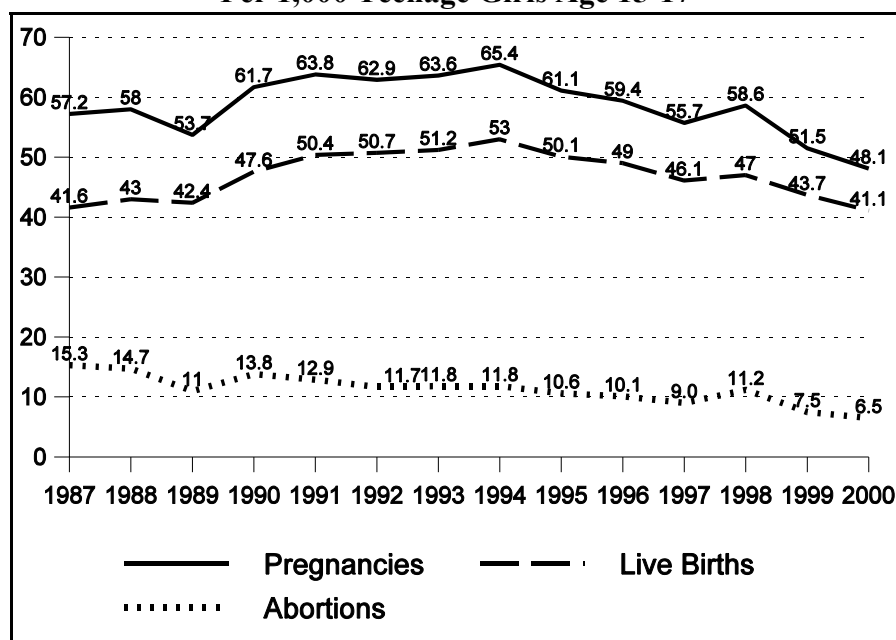


Figure 5 shows pregnancy rates by ethnicity among girls age 15-17 from 1996 through 2000.

Figure 5. Pregnancy Rates by Ethnicity Among Girls Age 15-17

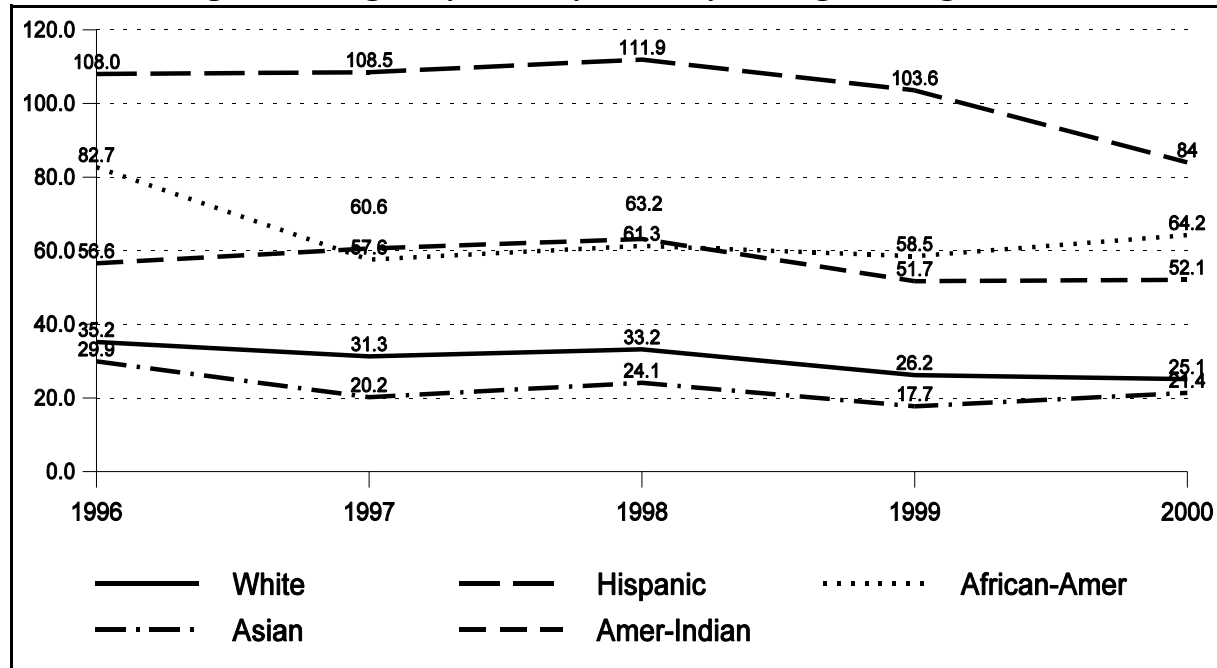


Table B on the following page summarizes pregnancy and pregnancy outcome statistics for teenagers age 15-17.

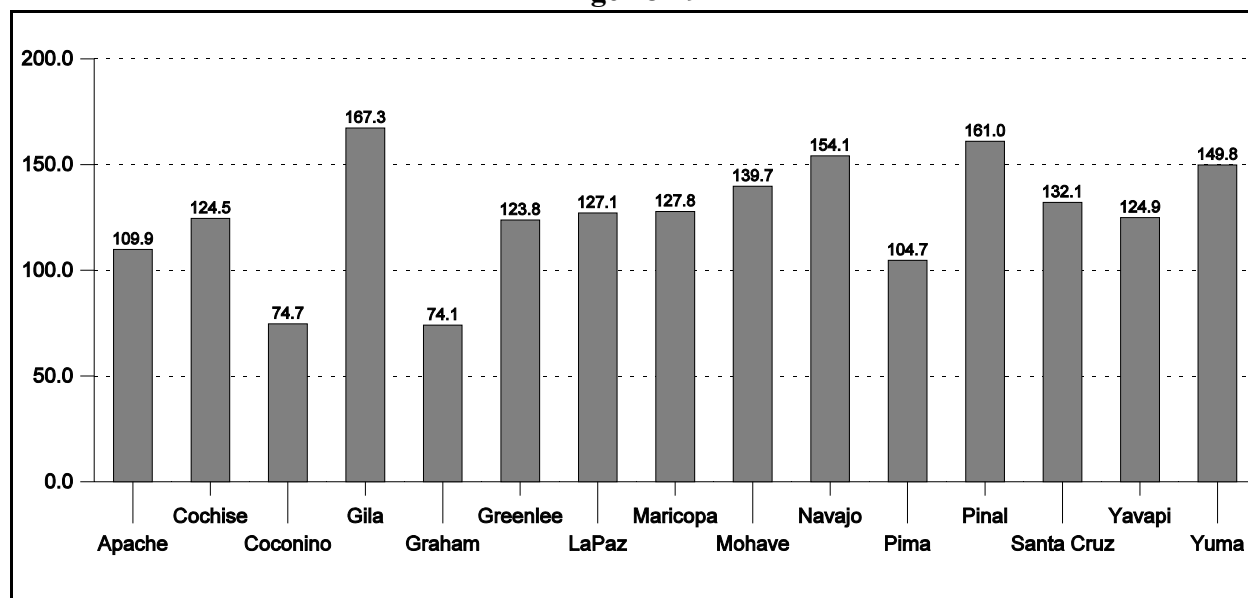
Table B. Pregnancies and Pregnancy Outcomes Age 15-17

Frequencies	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Pregnancies	4,339	4,448	4,034	4,436	4,714	4,762	4,803	5,092	5,092	5,262	5,096	5,482	4,993	5,016
Live Births	3,200	3,300	3,193	3,423	3,726	3,838	3,870	4,132	4,178	4,340	4,219	4,397	4,236	4,284
Abortions	1,174	1,126	829	994	955	885	892	916	880	892	826	1,046	727	684
Rates per 1,000	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Pregnancies	57.2	58.0	53.7	61.7	63.8	62.9	63.6	65.4	61.1	59.4	55.7	58.6	51.5	48.1
Live Births	41.6	43.0	42.4	47.6	50.4	50.7	51.2	53.0	50.1	49.0	46.1	47.0	43.7	41.1
Abortions	15.3	14.7	11.0	13.8	12.9	11.7	11.8	11.8	10.6	10.1	9.0	11.2	7.5	6.5

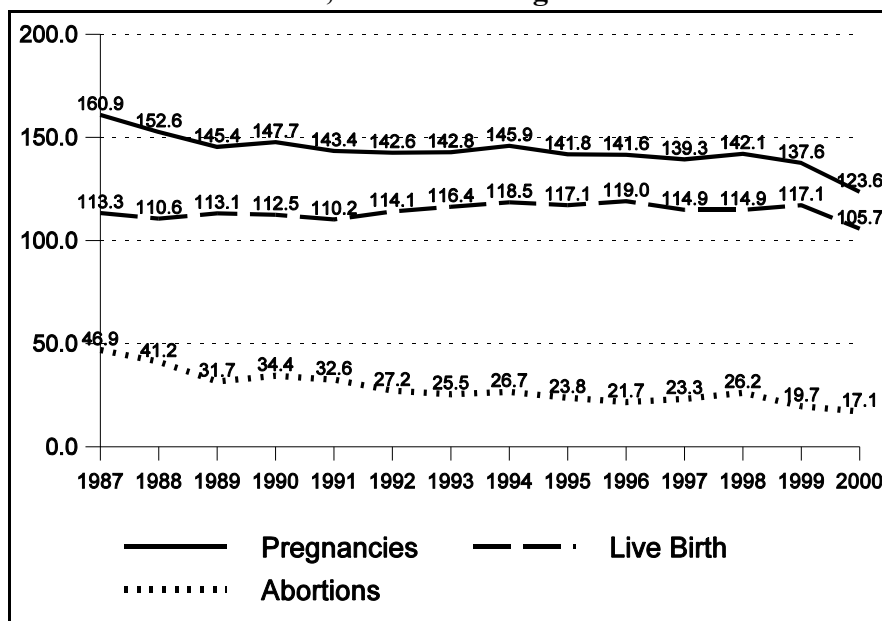
3 Pregnancies Age 18 and 19

In the year 2000 there were 8,993 pregnancies among girls age 18 and 19, representing a rate of 123.6 pregnancies per 1,000 teenage girls and resulting in 7,689 live births. Pregnancy rates within this age group across counties ranged from a high of 167.3 per 1,000 females in Gila County to a low of 74.1 in Graham County (see Figure 6).

**Figure 6. 2000 Pregnancy Rates by County
Age 18-19**



**Figure 6. Pregnancy and Pregnancy Outcomes
Per 1,000 Females Age 18-19**



The year 2000 rate of 123.6 is the lowest pregnancy rate for 18 and 19 year old women over the time period from 1987 through 2000 (see Figure 7).

Table C on the following page summarizes pregnancy and pregnancy outcome statistics for teenagers age 18-19.

Table C. Pregnancy and Pregnancy Outcomes Age 18-19														
Frequencies	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Pregnancies	7,715	7,701	7,741	8,080	8,055	7,849	7,831	7,982	7,950	7,966	8,064	8,734	8,799	8,993
Live Births	5,433	5,583	6,023	6,156	6,189	6,281	6,381	6,480	6,566	6,691	6,652	7,064	7,489	7,689
Abortions	2,248	2,081	1,690	1,883	1,834	1,498	1,397	1,460	1,332	1,222	1,351	1,611	1,259	1,247
Rates per 1,000	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Pregnancies	160.9	152.6	145.4	147.7	143.4	142.6	142.8	145.9	141.8	141.6	139.3	142.1	137.6	123.6
Live Birth	113.3	110.6	113.1	112.5	110.2	114.1	116.4	118.5	117.1	119.0	114.9	114.9	117.1	105.7
Abortions	46.9	41.2	31.7	34.4	32.6	27.2	25.5	26.7	23.8	21.7	23.3	26.2	19.7	17.1